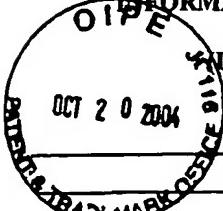


Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office								Atty. Docket No. A36097-PCT-USA-A (075188.0117)	Serial No. 10/731,642
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(Use several sheets if necessary)</small>								Applicants Mene-Saffran et al.	
								Filing Date May 17, 2004	Group Art Unit 1632 16 38

  
 OCT 20 2004  
 PATENT & TRADEMARK OFFICE

**U.S. PATENT DOCUMENTS**

*Exam. Init.		Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
MAS		6	7	7	0	3	0	3	08/03/04	Fritig et al.	424	603	

**FOREIGN PATENT DOCUMENT**

		Document No.							Date	Country	Class	SubClass	Translator Yes No
MAS		0	1	3	6	4	6	4 -	05/25/01	WO			
		0	0	5	0	5	7	5.	08/31/00	WO			
		2	7	7	7	4	2	3.	10/22/99	FR			
		9	7	2	6	3	6	4.	07/24/97	WO			
	X	9	7	1	3	8	5	1.	04/17/97	WO			

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)**

MAS	X	Seo, H. S., Song, J. T., Cheong, J.-J., Lee, Y.-H., Lee, Y.-W., Hwang, I., Lee, J. S. & Choi, Y. D. (2001) Jasmonic acid carboxyl methyltransferase: A key enzyme for jasmonate-regulated plant responses, <i>Proc. Natl. Acad. Sci. U. S. A.</i> 98, 4788-4793.
		Göbel, C., Feussner, I., Schmidt, A., Scheel, D., Sanchez-Serrano, J., Hamberg, M. & Rosahl, S. (2001) Oxylipin profiling reveals the preferential stimulation of the 9-lipoxygenase pathway in elicitor-treated potato cells, <i>J. Biol. Chem.</i> 276, 6267-6273..
		Itoh, A. & Howe, G. A. (2001) Molecular cloning of a divinyl ether synthase : Identification as a CYP74 cytochrome P-450, <i>J. Biol. Chem.</i> 276, 3620-3627..
		Mercier, L., Lafitte, C., Borderies, G., Briand, X., Esquerre-Tugaye, M. T. & Fournier, J. (2001) The algal polysaccharide carrageenans can act as an elicitor of plant defence, <i>The New Phytologist</i> 149, 43-51.
		Kolomiets, M. V., Chen, H., Gladon, R. J., Braun, E. J. & Hannapel, D. J. (2000) A leaf lipoxygenase of potato induced specifically by pathogen infection, <i>Plant Physiol.</i> 124, 1121-1130 ,

Examiner Medina A. Lloyd Date Considered 5/15/05

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.  
 NY02:501397.1

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office		Atty. Docket No. A36097-PCT-USA-A (075188.0117)	Serial No. 10/731,642
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicants Mene-Saffran et al.	
		Filing Date May 17, 2004	Group Art Unit 1632 1638

- MAD*
- Howe, G. A., Lee, G. I., Itoh, A., Li, L. & DeRocher, A. E. (2000) Cytochrome P450-dependent metabolism of oxylipins in tomato. Cloning and expression of allene oxide synthase and fatty acid hydroperoxide lyase, *Plant Physiol.* 123, 711-24.
- Hause, B., Weichert, H., Hohne, M., Kindl, H. & Feussner, I. (2000) Expression of cucumber lipid-body lipoxygenase in transgenic tobacco: lipid-body lipoxygenase is correctly targeted to seed lipid bodies, *Planta* 210, 708-714.
- Rustérucci, C., Montillet, J. L., Agnel, J. P., Battesti, C., Alonso, B., Knoll, A., Bessoule, J. J., Etienne, P., Suty, L., Blein, J. P. & Triantaphylides, C. (1999) Involvement of lipoxygenase-dependent production of fatty acid hydroperoxides in the development of the hypersensitive cell death induced by cryptogein on tobacco leaves, *J. Biol. Chem.* 274, 36446-36455.
- Weber, H., Chetelat, A., Caldelari, D. & Farmer, E. E. (1999) Divinyl ether fatty acid synthesis in late blight-diseased potato leaves, *Plant Cell* 11, 485-493.
- Hornung, E., Walther, M., Kuhn, H. & Feussner, I. (1999) Conversion of cucumber linoleate 13-lipoxygenase to a 9-lipoxygenating species by site-directed mutagenesis, *Proc. Natl. Acad. Sci. U. S. A.* 96, 4192-4197.
- Kuhn, H. & Thiele, B. J. (1999) The diversity of the lipoxygenase family. Many sequence data but little information on biological significance, *FEBS Lett.* 449, 7-11.
- Royo, J., Leon, J., Vancanneyt, G., Albar, J. P., Rosahl, S., Ortego, F., Castanera, P. & Sanchez-Serrano, J. J. (1999) Antisense-mediated depletion of a potato lipoxygenase reduces wound induction of proteinase inhibitors and increases weight gain of insect pests, *Proc. Natl. Acad. Sci. U. S. A.* 96, 1146-1151.
- Blée, E. (1998) Phytooxylipins and plant defense reactions, *Prog. Lipid Res.* 37, 33-72.
- Bate, N. J. & Rothstein, S. J. (1998) C6-volatiles derived from the lipoxygenase pathway induce a subset of defense-related genes, *Plant J.* 16, 561-569.
- Rancé, I., Fournier, J. & Esquerre-Tugayé, M. T. (1998) The incompatible interaction between *Phytophthora parasitica* var. *nicotianae* race 0 and tobacco is suppressed in transgenic plants expressing antisense lipoxygenase sequences, *Proc. Natl. Acad. Sci. U. S. A.* 95, 6554-6559.
- Caldelari, D. & Farmer, E. E. (1998) A rapid assay for the coupled cell free generation of oxylipins, *Phytochemistry* 47, 599-604.
- Staswick, P. E., Yuen, G. Y. & Lehman, C. C. (1998) Jasmonate signaling mutants of *Arabidopsis* are susceptible to the soil fungus *Pythium irregularare*, *Plant J.* 15, 747-754.

Examiner

*Pedi Hmli*

Date Considered

*5/15/05*

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.  
NY02:501397.1

Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office		Atty. Docket No. A36097-PCT-USA-A (075188.0117)	Serial No. 10/731,642
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicants Mene-Saffran et al.	
		Filing Date May 17, 2004	Group Art Unit 1632 16 38

<i>MRC</i>		Fournier, J., Pouénat, M. L., Rickauer, M., Rabinovitch-Chable, H., Rigaud, M. & Esquerre-Tugayé, M. T. (1993) Purification and characterisation of elicitor-induced lipoxygenase in tobacco cells, <i>Plant J.</i> 3, 63-70.
		Koch, E., Meier, B. M., Eiben, H. G. & Slusarenko, A. J. (1992) A lipoxygenase from leaves of tomato ( <i>Lycopersicum esculentum</i> Mill) is induced in response to plant pathogen <i>Pseudomonas</i> , <i>Plant Physiol.</i> 99, 571-576. v
		Deng, W., Grayburn, W. S., Hamilton-Kemp, T. R., Collins, G. B. & Hildebrand, D. F. (1992) Expression of soybean-embryo lipoxygenase 2 in transgenic tobacco tissue, <i>Planta</i> 187, 203-208. v
		Rickauer, M., Fournier, J., Pouénat, M. L., Berthalon, E., Bottin, A. & Esquerre-Tugayé, M. T. (1990) Early changes in ethylene synthesis and lipoxygenase activity during defense induction in tobacco cells, <i>Plant Physiology and Biochemistry</i> 28, 647-653. v
	X	Brash, A. R., Ingram, C. D. & Harris, T. M. (1987) Analysis of a specific oxygenation reaction of soybean lipoxygenase-1 with fatty acids esterified in phospholipids, <i>Biochemistry</i> 26, 5465-5471.
		Horsch, R. B., Fry, J. E., Hoffmann, N. L., Eicholtz, D., Rogers, S. G. & Fraley, R. T. (1985) A simple and general method for transferring genes into plants, <i>Science</i> 227, 1229-1231. v
		Dellaporta, S. L., Wood, J. & Hicks, J. B. (1983) A plant DNA minipreparation : version II., <i>Plan Mol. Biol. Rep.</i> 1, 19-21.
	X	Galliard, T. & Chan, H. W. S. (1980) in <i>The Biochemistry of Plants A comprehensive treatise</i> , ed. Stumpf, P. K. (Academic Press, INC, New York), Vol. 4, pp. 131-161.
		Holsters, M., de Waele, D., Depicker, A., Messens, E., van Montagu, M. & Schell, J. (1978) Transfection and transformation of <i>Agrobacterium tumefaciens</i> , <i>Mol. Gen. Genet.</i> 163, 181-187.
		Bradford, M. M. (1976) A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding, <i>Anal. Biochem.</i> 72, 248-254.
	X	Keen, N. T. (1975) Specific elicitors of plant phytoalexin production : determinants of race specificity in pathogens?, <i>Science</i> 187, 74-75.
		Helgeson, J. P., Kemp, J. D., Haberlach, G. T. & Maxwell, D. P. (1972) A tissue culture system for studying disease resistance : the black shank disease in tobacco callus culture, <i>Phytopath.</i> 62, 1439-1443. v
✓	X	Hendrix, J. W. & Apple, J. L. (1967) Stem resistance to <i>Phytophthora parasitica</i> var. <i>nicotianae</i> in tobacco derived from <i>Nicotiana longiflora</i> and <i>Nicotiana plumbaginifolia</i> , <i>Tobacco Science</i> 11, 148-150.

Examiner *Heidi Z. Dm* Date Considered *5/15/05*

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.  
NY02:501397.1